

DRILL STEM TEST REPORT

Prepared For: **Bach Oil Production**

P O Box 723
Alma, Ne 68920-0723

ATTN: Jason Bach

27-6s-20w Rooks,Ks

Dellenbach #1

Start Date: 2010.09.25 @ 21:04:34

End Date: 2010.09.26 @ 03:08:28

Job Ticket #: 40149 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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EM TEST REPORT

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ATTN: Jason Bach

Dellenbach #1

27-6s-20w Rooks,Ks

Job Ticket: 40149

DST#: 1

Test Start: 2010.09.25 @ 21:04:34

GENERAL INFORMATION:

Formation: **Tor-LKC "D"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:15:59

Time Test Ended: 03:08:28

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 42

Interval: 3315.00 ft (KB) To 3420.00 ft (KB) (TVD)

Reference Elevations: 2123.00 ft (KB)

Total Depth: 3420.00 ft (KB) (TVD)

2118.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6625

Inside

Press@RunDepth: 56.98 psig @ 3324.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.09.25

End Date:

2010.09.26

Last Calib.:

2010.09.26

Start Time: 21:04:34

End Time:

03:08:28

Time On Btm:

2010.09.25 @ 23:14:29

Time Off Btm:

2010.09.26 @ 01:25:58

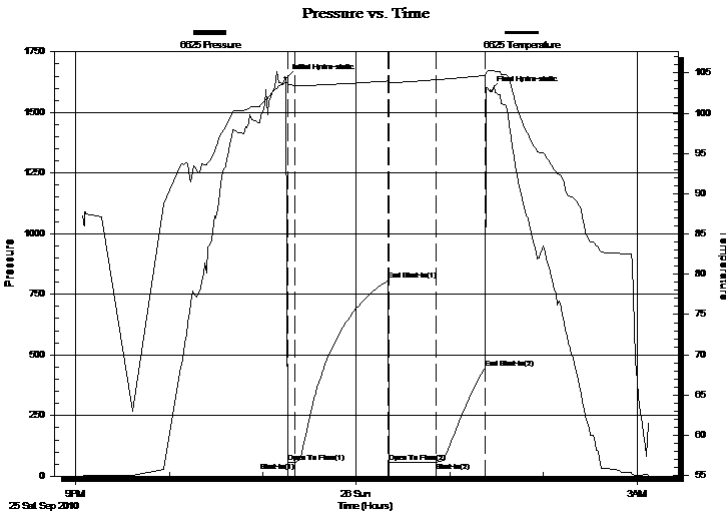
TEST COMMENT: IFP-w k bl 1/4"

ISIP-no bl

FFP-no bl

FSIP-no bl

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1641.05	103.90	Initial Hydro-static
2	56.52	103.64	Open To Flow (1)
6	56.22	103.45	Shut-In(1)
66	809.48	104.01	End Shut-In(1)
67	56.00	103.84	Open To Flow (2)
97	56.98	104.15	Shut-In(2)
128	447.25	104.68	End Shut-In(2)
132	1588.22	105.29	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud w/show of oil	0.07

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

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Job Ticket: 40149

DST#: 1

Test Start: 2010.09.25 @ 21:04:34

ATTN: Jason Bach

Tool Information

Drill Pipe:	Length: 3304.00 ft	Diameter: 3.80 inches	Volume: 46.35 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 45000.00 lb
			Total Volume: 46.35 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3315.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	105.00 ft			
Tool Length:	126.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3295.00	
Shut In Tool	5.00			3300.00	
Hydraulic tool	5.00			3305.00	
Packer	5.00			3310.00	21.00 Bottom Of Top Packer
Packer	5.00			3315.00	
Stubb	1.00			3316.00	
Perforations	8.00			3324.00	
Recorder	0.00	6625	Inside	3324.00	
Recorder	0.00	8652	Outside	3324.00	
Blank Spacing	63.00			3387.00	
Perforations	30.00			3417.00	
Bullnose	3.00			3420.00	105.00 Bottom Packers & Anchor

Total Tool Length: 126.00

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Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 800.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud w/show of oil	0.070

Total Length: 5.00 ft Total Volume: 0.070 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 1

27-6s-20w Rooks, Ks

Bach Oil Production

Inside

Serial #: 6625

Pressure vs. Time

